

## Methuen

41 Pleasant Street  
Suite 303  
Methuen, MA 01844  
Phone 978-983-8620  
Fax 978-983-8972

### Board Members

Thomas J. Kelly (Chairperson),  
Michael Hennessy, Robert Sheehan,  
John T. Sheehy, Albert J. Trott, III

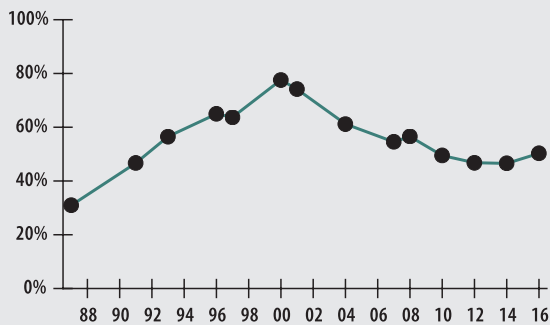
### Board Administrator

Krysten Wallace

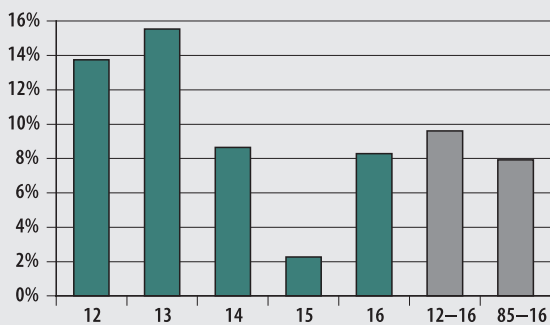
### Board Meeting

Last Thursday of each month at 9:30 am

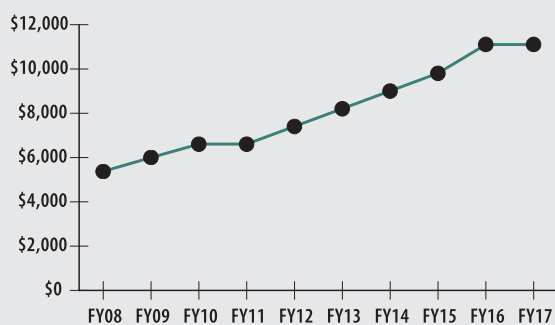
### FUNDED RATIO (1987-2016)



### INVESTMENT RETURN (2012-2016, 5 YEAR AND 32 YEAR AVERAGES)



### 10-YEAR HISTORY OF APPROPRIATIONS (IN THOUSANDS)



### INVESTMENT RETURN HISTORY

**32 years 2016**  
7.92%

**31 years 2015**  
7.91%

**30 years 2014**  
8.10%

**10 years 2016**  
4.97%

**10 years 2015**  
5.30%

**10 years 2014**  
5.56%

**5 years 2016**  
9.60%

**5 years 2015**  
8.22%

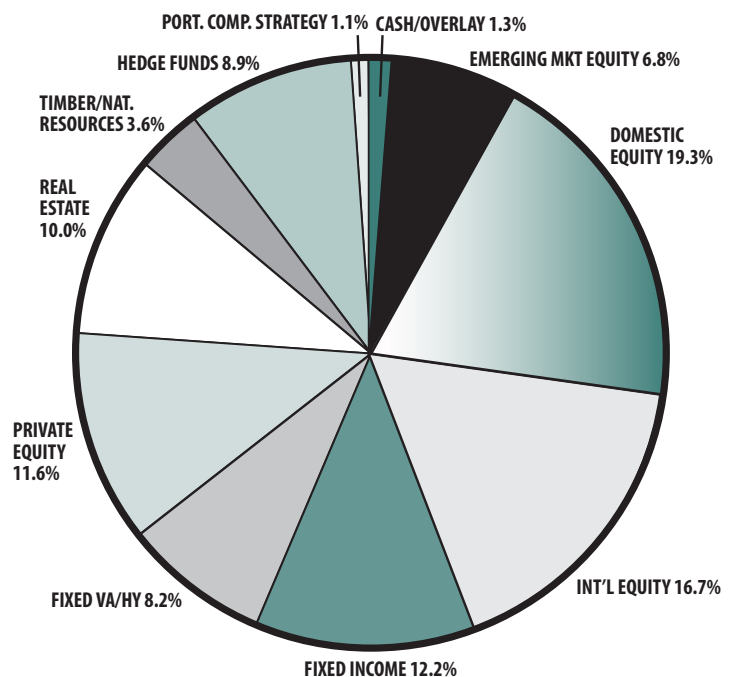
**5 years 2014**  
10.78%

## ACTUARIAL

▶ Funded Ratio	50.3%
▶ Date of Last Valuation	01/16
▶ Actuary	PERAC
▶ Assumed Rate of Return	7.50%
▶ Funding Schedule	5.0% Total Increasing
▶ Year Fully Funded	2034
▶ Unfunded Liability	\$118.5 M
▶ Total Pension Appropriation (Fiscal 2017)	\$11.1 M

	ACTIVE	RETIRED
▶ Number of Members	642	415
▶ Total Payroll/Benefit	\$34.5 M	\$11.7 M
▶ Average Salary/Benefit	\$53,700	\$28,300
▶ Average Age	47	72
▶ Average Service	14.3 years	NA

## ASSET ALLOCATION (12/31/16)



## EARNED INCOME OF DISABILITY RETIREES (2015)

▶ Number of Disability Retirees	47
▶ Number Who Reported Earnings	16
▶ Number of Excess Earners	0
▶ Total Amount of Refund Due	\$0

▶ 2016 Return	8.28%
▶ 2016 Market Value	\$128.9M
▶ 2012-2016 (Annualized)	9.60%
▶ 1985-2016 (Annualized)	7.92%